

































-  Secrets
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CSS static code analysis

Unique rules to find Bugs and Code Smells in your CSS code

All rules 25 Bug 16 Code Smell 9

Tags

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Single line comment syntax should not be used

Bug

CSS properties should be valid

Bug

Units should be valid

Bug

"calc" operands should be correctly spaced

Bug

Color definitions should be valid

Bug

Expressions within "calc" should be valid

Bug

Selectors should be known

Bug

Shorthand properties that override related longhand properties should be avoided

Bug

"linear-gradient" directions should be valid

Bug

"at-rules" should be valid

Bug

Media features should be valid

Bug

Pseudo-element selectors should be valid

Bug

Pseudo-class selectors should be valid

Bug

Expressions within "calc" should be valid

Analyze your code

Bug Critical ?

To perform calculations when specifying a CSS property `calc()` function can be used. This function takes single expression as parameter. When writing this expression some rules must be respected:

- no empty `calc()`
- there should be an operator between the arguments
- there should not be any division by zero

Otherwise `calc()` function will be invalid and the entire rule using it will be ignored.

Noncompliant Code Example












```
.btn {
  border: solid black 1px;
  width: calc(100% 80px); /* Noncompliant */
}
```

Compliant Solution

```
.btn {
  border: solid black 1px;
  width: calc(100% - 80px);
}
```

Available In:

sonarcloud | sonarqube

<div>Properties should not be duplicated</div> <div> Bug</div>
<div>"!important" should not be used on "keyframes"</div> <div> Bug</div>
<div>Font declarations should contain at least one generic font family</div> <div> Bug</div>
<div>CSS files should not be empty</div> <div> Code Smell</div>
<div>Selectors should not be duplicated</div> <div> Code Smell</div>
<div>Empty blocks should be removed</div> <div> Code Smell</div>
<div>Strings should not contain new lines</div> <div> Code Smell</div>
<div>Duplicated font names should be removed</div> <div> Code Smell</div>
<div>Multi-line comments should not be empty</div> <div> Code Smell</div>
<div>Duplicate imports should be removed</div> <div> Code Smell</div>
<div>Extra semicolons should be removed</div> <div> Code Smell</div>
<div>Selectors of lower specificity should</div>